



FACT SHEET – FORMER PITMAN, NEW JERSEY NATIONAL GUARD ARMORY

DESCRIPTION: The former New Jersey Army National Guard Pitman Armory is located at 5 Delsea Drive & Columbia Avenue, Borough of Pitman, Gloucester County, New Jersey, Block 166, Lot 1, Congressional District NJ-02, and encompasses approximately seven acres. The former Pitman Armory land was acquired from the Borough in 1949 and two buildings were constructed. The property was used to provide New Jersey Army National Guard support and training through 1994. The property was transferred to the Borough of Pitman on June 19, 2007. The two vacant one-story buildings remain: the Armory Building (former offices) and the Motor Vehicle Storage Building. A total of 24 areas of environmental concern (AOCs) were identified; investigations have been completed at 21 of those areas. Three AOCs require further investigation. Identification of AOCs that require remediation is ongoing.

AUTHORIZATION: The former Pitman Armory is being investigated under the Army National Guard Compliance and Cleanup program.



Boundary Map of the former Pitman Armory Property

PREVIOUS INVESTIGATIONS/SITE WORK: A Preliminary Assessment Report (PAR) was completed in 2016. The New Jersey Army National Guard completed the removal of four underground storage tanks (UST): two contained fuel oil and two contained gasoline (i.e., one leaded and one unleaded gasoline UST). Sampling and analysis of soil and groundwater have been initiated or completed at most AOCs. Groundwater pumping and treatment was conducted from 1996 to 1999. In-situ chemical treatment of groundwater was conducted in 2010. Currently, the only constituent remaining in groundwater is tetrachloroethylene (PCE). Constituents in soil include polycyclic aromatic hydrocarbons (PAHs), metals (lead, antimony, chromium), and one sample indicating the presence of polychlorinated biphenyls (PCBs) near a possible former electrical transformer. Select semi-volatile organic compounds are also present in stream sediments at concentrations exceeding the NJDEP ecological screening criteria. A Remedial Action Permit for monitored natural attenuation of groundwater was issued by the New Jersey Department of Environmental Protection (NJDEP) in 2016 (revised in 2018). A classification exception area (CEA) application for groundwater was filed in 2013. To date, no off-site environmental impacts have been identified related to the former Pitman Armory. The environmental investigations and submittals to the NJDEP are being conducted under the New Jersey Licensed Site Remediation Professional (LSRP) program.

STATUS/SCHEDULE (AS OF JANUARY 2020):

Funded work in Fiscal Year 2020 includes the following:

- Sampling and Analysis for AOCs requiring additional investigation of soil, surface water and sediment
- Groundwater sampling for compliance with the Groundwater Remedial Action Permit
- Biennial Certification for the Groundwater Remedial Action Permit (due Dec. 2020)
- Subsequent to the completion of sampling and analysis fieldwork, the need for remedial actions and/or further monitoring will be identified.

PROJECT COST:

Federal Cost (to-date): \$ 453,000

CONTACTS:

Gregory J. Goepfert, U.S. Army Corps of Engineers
Project Manager, New York District
917-790-8235
Gregory.J.Goepfert@usace.army.mil

Charles Appleby, U. S. Army National Guard
Chief, Environmental Management Branch
609-530-7135
Charles.M.Appleby.civ@mail.mil